

# Minimum Equipment Standards

## Presentation to SIEC

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Public Safety Interoperable  
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# Overview



- Minimum Equipment Standards for both VHF and UHF mobile and portable radio equipment were established by the SIEC in January 2007.
- In January 2012 the SIEC began reviewing the Standards and discussed creating a Standard for 700/800 MHz equipment.
- In discussions at SIEC & Interoperable Channels Plan Working Group meetings, the general consensus was that the minimum standards for VHF and UHF equipment were still applicable and there was no need to change or strengthen them.
- At the May 8, 2012 SIEC meeting a draft of the Minimum Equipment Standards which added 700/800 MHz equipment, referred to narrowband and P25 capabilities and combined VHF, UHF and 700/800 MHz equipment into one document was reviewed.
- The draft was then made available for public comment and none has been received.
- The SIEC approved the current draft on August 14, 2012 and we seek your approval of this document today.

# Approach



- Rather than include the SIEC intent and Homeland Security Grant requirements blended in with the Standard, we broke the document into separate Background and Standard sections
- Background Section:
  - Includes both the SIEC and PSCC to emphasize the legislative intent for “standards based system” to provide interoperability
  - Includes a reference to the Statewide Communications Interoperability Plan (SCIP) to show the connection to the overall plan
  - Includes the requirements of Department of Homeland Security grants and the need to regularly interact with federal agencies
  - Footnotes provide references for Office of Interoperability and Compatibility (OIC) grant guidance, a P25 decision tree and the Public Safety Communications Research program’s P25 test standards

# Standard Section



**STANDARD:** The following standards implement certain radio features, nationally recognized to promote and maintain a higher level of interoperable communications among and between public safety jurisdictions and disciplines.

## MOBILE – PORTABLES MINIMUM STANDARDS

BAND	MINIMUM CHANNEL	CHANNEL DISPLAY	FREQUENCY RANGE	NARROWBAND CAPABLE	PROJECT 25
VHF	48 CH OR GREATER	7 CHAR OR GREATER	150 – 174 MHz	REQUIRED	CAPABLE
UHF	48 CH OR GREATER	7 CHAR OR GREATER	450 – 470 MHz	REQUIRED	CAPABLE
700 MHz	48 CH OR GREATER	7 CHAR OR GREATER	769 – 775 MHz 799 – 805 MHz	REQUIRED	REQUIRED
800 MHz	48 CH OR GREATER	7 CHAR OR GREATER	806 – 824 MHz 851 – 869 MHz	REQUIRED	REQUIRED

# Discussion & Possible Approval



- If approved, the 2012 Minimum Equipment Standards will be posted on the PSIC website and the final version will be sent to all interested parties.

*Discussion? Questions?*

*Approval?*

Thank you!

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